Standard of Quality: Lucent Technologies 110 Modular Jack panel System required

q. Horizontal Category 5 UTP Cabling Patch panel

1) The Category 5 UTP cabling patch panel will provide MDF /BDF terminations for all horizontal Category 5 cabling. The patch panel will meet or exceed the following specifications:

Electrical Specifications:

- EIA/TIA Category: 5
- Wiring: EIA/TIA 568B options
- Integrated cable management retainers
- CIA 19" rack mounting

Standard of Quality: Lucent Technologies PatchMax Power Sum Modular Patch Panel required.

r. Category 5 Patch Cordage

1) Patch cords will be 24-AWG data cables with eight conductors. Both ends of the cord will be equipped with modular 8-position/8 conductor (RJ45-Type) Plugs. Patch cords will meet or exceed the following specifications:

Specifications:
- Gauge: 24-AWG stranded wire
- Pair Size: Four (4)
- Length: 5 ft. (3.05 m)
- UL Listed Type CM

Standard of Quality: Lucent Technologies D8SA required.

s. Multimode Fiber Optic Patch Cords

1) All multimode fiber optic cordage will be duplex cordage providing connection between the multimedia information outlet and terminal equipment. Cable will consist of tight buffered, graded-index fiber with a 62.5-micron core and a 125-micron cladding. Fiber will be covered with aramid yarn and a jacket of flame retardant PVC. Fiber optic patch cords will meet or exceed the following specifications:

Optical Specifications:
- Average Loss: 0.3 dB/mated connector

- Minimum Bandwidth: 200 MHz-km @ 850nm
  500 MHz-km @ 1300nm

Mechanical Specifications:

- Number of fibers 2
- Termination STII+/STII+
- UL Listed
- Length 5 ft. (3.05 m)

Standard of Quality: Lucent Technologies 3.0-mm multimode patch cords required.

E. NETWORK CENTER/MDF

1. The Telecommunications Closet Subsystem consists of wiring blocks for termination of copper cables or lightguide interconnection units (LIU) for the termination of optical fibers.

a. GENERAL

1) Patch panel installers will contain a retaining trough between every 100 pair termination block.

2) The Contractor will provide any necessary connections, connector barrels, screws, anchors, clamps, tie wraps, distribution rings, wire molding, miscellaneous grounding and support hardware, etc., necessary to facilitate installation of the system(s).

3) The Contractor will supply modular UTP patch cords and fiber patch cords for cross-connection and inter-connection of termination blocks and lightguide interconnection units.

4) Contractor will supply patch cord (factory assembled plug-ended jumpers) for all patch panel terminal blocks.

5) Contractor will supply modular UTP patch cords and fiber patch cords for connections between the network center and backbone subsystem.

6) When required by local code, provide a Telecommunications Bonding Backbone utilizing a #6 AWG or larger bonding conductor that provides direct bonding between equipment rooms and telecommunications closets. This is part of the grounding and bonding infrastructure (part of the telecommunications pathways and spaces in the building structure), and is independent of equipment or cable.

7) Communication bonding and grounding will be in accordance with the NEC and NFPA. Horizontal cables will be grounded in compliance with ANSI/NFPA 70 and local requirements and practices.

8) The Contractor will complete the termination of all transmission media in accordance with current industry standards (BICSI). The appropriate equipment will be supplied to make the complete Communications System functional and provide protection for the transmission media used.

9) All Network Center/MDF hardware will be cabinet mounted in 84' enclosures.

10) Cabling entering cabinets will be supported to prevent sagging and protected from abrasion, bends, kinks and other damage through the use of D-rings and raceway routing, fitted gasket material for cabinet penetrations and innerduct for protection. Additional materials and techniques may be required.

b. HARDWARE SPECIFICATIONS

1) Backbone Copper Termination Block

a) The termination block backbone copper cabling will provide both 110 and 8-position/8-conductor interface options for cross connects between backbone cabling and horizontal cabling. The termination block will meet or exceed the following specifications:

- IDC termination to 8-pin modular jack via printed wiring board
- EIA 19" rack mounting
- All blocks will be Underwriter's Laboratories (UL) listed

Standard of Quality: Lucent technologies 110 Modular Jack Panel system required.

2) Lightguide Interconnection Unit (LIU) & Lightguide Distribution Shelf (LDS)

- STII+ terminations and connectors
- The LIU/LDS will provide terminating capability of 48 or 72 connectors

Standard of Quality: Lucent Technologies LXG required.

3) Horizontal Category 5 UTP Cabling Patch Panel

a) The cat 5 UTP cabling patch panel will provide MDF/BDF terminations for all horizontal Category 5 cabling. The patch panel will meet or exceed the following specifications:

Electrical Specifications:
- EIA/TIA Category 5
- Wiring: EIA/TIA 568B
- Integrated cable management retainers
- EIA 19" rack mounting

Standard of Quality: Lucent Technologies PatchMax Power Sum Modular Patch Panel required.

4) Category 5 patch Cordage

a) Patch cords will be 24-AWG data cables with eight conductors. Both ends of the cord will be equipped with modular 8-position/8-conductor (RJ45 Type) plugs. Patch cords will meet or exceed the following specifications:

Specifications:
- Gauge: 24-AWG stranded wire
- Pair Size: Four (4)
- Length: 10 ft. (3.05 m)
- UL Listed Type CM

Standard of Quality: Lucent Technologies D8SA required

5) Multimode fiber optic patch cords

a) All multimode fiber optic cordage will be duplex cordage providing connection between the multimedia information outlet and terminal equipment. Cable will consist of tight buffered, graded-index fiber with a 62.5-micron core and a 125-micron cladding. Fiber will be covered with aramid yarn and a jacket of flame-retardant PVC. Fiber optic patch cords will meet or exceed the following specifications:

Optical Specifications:
- Average loss: 0.3dB/mated connector
- Minimum Bandwidth: 200 MHz-km @ 850nm
  500 MHz-km @ 1300nm

Mechanical Specifications:
- Number of fibers: 2
- Termination: STII+/STII+
- UL Listed

- Length: 10 ft (3.05 m)

Standard of Quality: Lucent Technologies 3.0 mm multimode patch cords required.

6) Network Center/MDF Cabinets:

Physical Specifications:
- Dimensions: 84.00"H x 29.00"W x 26.00" D
- Configured for EIA 19" rack mounting
- 16 position power strip circuit breaker and 12' cord
- Solid side panels
- Solid rear door with lock
- Fan assembly (3 fans with guards; 75 cfm/fan)
- Adjustable rubber feet (set of 4 for each cabinet)
- Color: Blue, gray or white available with wood grain or black trim (color approved by Owner before ordering)
- EIA 19' front mounting tray; 18" depth (Model 7206-FM; one for each cabinet)
- EIA 19" front and rear mounting sliding tray (Model 7206 FRSL-A; one for each cabinet)

Standard of Quality: Great Lakes GL 840 required.

F. BUILDING ENTRANCE

1. No building entrance facilities are required for this project.

PART 3 – Execution

A. EXAMINATION

1. Examine pathway elements to receive cable. Check raceways, cable trays and other elements for compliance with space allocations, installation tolerances, hazards to cable installation, and other conditions affecting installation. Do not proceed with installation until unsatisfactory conditions have been corrected or directed to proceed.

B. APPLICATION OF MEDIA

1. Backbone Cable for Data Service: Use two (2) 6-strand multimode fiber-optic cable conforming to technical specifications in Part 1 for runs between network center/MDF and wiring closets/BDF and for runs between wiring closets. Terminate all strands in specified 19" rack mount LIU.

2. Backbone Cable for Voice Service: Use 50-pair unshielded twisted pair cable conforming to technical specifications in Part 1 for runs between Network Center/MDF and wiring closets/BDF and for runs between wiring closets. Terminate both ends on specified 19" rack mount 110 Jack Panel block.

3. Horizontal Copper Cables for Data Service: Use unshielded twisted pair cable conforming to technical specifications in Part 1 for runs between wiring closets/BDF and workstation outlets. Terminate on modular outlets marked conforming to technical specifications in Part 1.

4. Horizontal Cables for Voice Service: Use unshielded twisted pair cable conforming to technical specifications in Part 1 for runs between wiring closets and workstation outlets. Terminate on modular outlets conforming to technical specifications in Part 2.

C. INSTALLATION

1. Wiring Method. Install wiring in surface mount raceway except within consoles, cabinets, desks, and counters and except in accessible ceiling spaces and in gypsum board partitions where cable-wiring method may be used. Use UL-listed plenum cable conforming to technical specifications in Part 1 in environmental air spaces, including plenum ceilings. Conceal cable and raceway wiring except in unfinished spaces.

2. Use raceway types, sizes, and channels as required for each application, with fittings that match and mate with raceway.

3. Minimum raceway size: ¾-inch trade size.

4. Keep raceway at least 6 inches away from parallel runs of flues and steam or hot-water pipes. Install horizontal raceway runs above water and steam piping.

5. Join raceways with fittings designed and approved to connect joints.

6. All raceways, including adhesive backed, are to be secured to structure with appropriately sized screws, anchors, and washers spaced no more than every 18 inches.

7. Install components as indicated, according to manufacturers' written instructions. Use techniques, practices, and methods that are consistent with the Category 5 rating of the components and that assure Category 5 performance of completed and linked signal paths, end-to-end.

8. Install cable without damaging conductors, shield, or jacket.

9. The Contractor will not roll or store cable reels without an appropriate underlay and the prior approval of The Owner.

10. Do not bend cable in handling or installation to smaller radii than minimums recommended by manufacturers.

11. Pull cables without exceeding cable manufacturer's recommended pulling tensions.

12. Pull cables simultaneously where more than one is being in the same raceway.

13. Use pulling compound or lubricant where necessary. Use compounds that will not damage conductor or insulation.

14. Use pulling means, including fish tape, cable, rope and basket weave wire/cable grips that will not damage media or raceway.

15. Install exposed cable and raceway parallel and perpendicular to surfaces or exposed structural members, and follow surface contours where possible. Diagonal or multiple parallel cable runs will not be accepted except where specified.

16. The Contractor will provide any necessary screws, anchors, clamps, tie wraps, distribution rings, wire molding, miscellaneous grounding and support hardware, etc., necessary to facilitate the installation of the system.

17. Contractor will secure and support all horizontal and backbone cabling with approved J-Hooks and D-rings spaces not less than 60" apart and not more than 6 inches from cabinets, boxes, fittings, outlets, racks, frames, and terminals.

18. Wiring within Wiring Closets and Enclosures: Provide adequate length of conductors. Train the conductors to terminal points with no excess. Use lacing bars to restrain cables, to prevent straining connections, and to prevent bending cables to radii smaller than allowed.

19. Separation of Wires: Comply with BICSI rules for separation of unshielded copper voice and data system cables from potential EMI sources, including electrical power lines and equipment.

20. Make terminations only at indicated outlets, terminals, cross-connects, and patch panels.

21. Group connecting hardware for cables into separate logical fields.

22. Use patch panels to terminate cables entering the space, except as otherwise indicated.

D. GROUNDING

1. Ground cable shields, drain conductors, and equipment to eliminate shock hazard and to minimize ground loops, common mode returns, noise pickup, cross talk, and other impairments.

2. Signal Ground Terminal: Locate at each equipment room and wiring closet. Isolate from power system and equipment grounding.

3. Signal Ground Bus: Mount on wall of main equipment room with stand –off insulators.

4. Signal Ground Backbone Cable: Extend from signal ground bus to signal ground terminal in each wiring closet and equipment room.

E. IDENTIFICATION

1. The Contractor will be responsible for printed labels for any cables and cords, distribution frames, and outlet locations, according to requirements of The Owner and these specifications. No labels are to be written by hand.

2. System: Use a unique 3-syllable alphanumeric designation for each cable, and label the cable and the jacks, connectors, and terminals to which it connects with the same designation. Use logical and systematic designations related to the architectural arrangement of the facility.

   - First syllable is to identify and locate the wiring closet or equipment room where the cable originates.

   - Second syllable is to identify and locate the cross-connect or patch panel field in which the cable terminates.

   - Third syllable is to designate the type of media (copper or fiber) and the position occupied by the cable pairs or fibers in the field.

3. Workstation: Label cables within outlet boxes.

4. Distribution Racks and Frames: Label each unit and field within that unit.

5. Within Connector Fields, in Wiring Closets and Equipment Rooms: Label each connector and each discrete unit of cable-terminating and connecting

hardware. Where similar jacks and plugs are used for both voice and data service, use a different color for jacks and plugs of each service.

6. Cables, Generally: Label each cable within 4 inches (100 mm) of each termination and tap, where it is accessible in a cabinet or junction or outlet box, and elsewhere as indicated.

7. Exposed Cables and Cables in Cable Trays and Wire Troughs: Label each cable at intervals not exceeding 15 feet (4.5 m).

8. Cable Schedule: Post at a prominent location in each wiring closet and equipment room. List incoming and outgoing cables and their designations, origins, and destinations. Protect with a rigid frame and clear plastic cover. Provide a diskette copy of final comprehensive schedules for the Project in the software and format selected by Owner.

F. CLEANING

1. On completion of system installation, including outlet fittings and devices, inspect exposed finish. Remove burrs, dirt, and construction debris and repair damage finish, including chips, scratches, and abrasions.

G. DEMONSTRATION

1. Train Owner's maintenance personnel on procedures and schedules related to startup and shutdown, troubleshooting, servicing, and preventive maintenance. Train designated personnel in cable plant management operations, including changing signal pathways for different workstations, rerouting signal in failed cables, and extending wiring and establishing new workstation outlets. Include both classroom training and hands-on experience.

2. Training Aid: Use operation and maintenance manual material as an instructional aid. Provide copies of this material for use in the instruction.

3. Schedule training with Owner with at least 7 days advanced notice.

H. TESTING/INSPECTIONS

1. Testing: Upon installation of cable and connectors, demonstrate product capability and compliance with requirements. Test each signal path for end-to-end performance. Remove temporary connections when tests have been satisfactorily completed.

   - Copper Cable Procedures: Inspect for physical damage and perform continuity and shorts. Use time-domain reflectometer with strip chart recording capability and anomaly resolution to within 12 inches (300 mm)

in runs up to 1000 feet (300 m) in length. Test for faulty connectors, splices, and terminations. Link performance for UTP cables must meet minimum criteria of EIA/TIA-568; including but not limited to wire map (open/short, polarity reversal, pair transposition), length, attenuation, DC loop resistance, NEXT, Power Sum NEXT.

- Fiber-Optic Cable Procedures: Perform continuity and attenuation testing on all fiber strands (backbone and horizontal) at 850nm and 1300nm. Certify compliance with test parameters and manufacturer's recommendations.

2. Correct malfunctioning units at site, where possible, and retest to demonstrate compliance; otherwise, remove and replace with new units and retest.

3. Testing of all cabling will be performed as the system is installed. 100 percent (100%) of the wire pairs will be tested as specified. Voice, data, and wiring pairs will be tested from the information outlet device to the MDF or BDF termination (Basic Link testing). 100 percent of the fiber optic strands will be tested for continuity and attenuation (from the information outlet device to the MDF or BDF termination (Basic Link testing). Test results must be submitted to The Owner and/or Owner's representatives on a weekly basis until completion of the project.

4. On-going inspections will be performed during construction by the manager and the following points will be examined:

   a. Is the design documentation complete?
   b. Have all terminated cables been tested for continuity and shorts?
   c. Have the pathway manufacturer's guidelines been followed?
   d. Have the Contractors avoided excessive cable bending?
   e. Have potential EMI sources been considered?
   f. Is Cable Fill Correct?
   g. Are hanging supports within 1.5 meters (5 feet)?
   h. Does hanging cable exhibit some sag?
   i. Have Patch Panel/110 Block instructions been followed correctly?
      - Jacket removal point?
      - Termination positions?
      - All pair terminations tight with minimal pair distortions?
      - Twists maintained up to Index Strip
   j. Are connectors properly turned right side up in the Patch Panels and work area enclosures without cables wrapped or twisted around the Mounting Collars?
   k. Are the correct outlet connectors used?
   l. Is the jacket maintained right up to the modular outlets?
   m. Have recommended fiber optic bend radius been observed?

5. The Contractor will record for each cable run, the actual cable distance in feet. Information will be included in system documentation.

I. CABLING WARRANTY

1. The Contractor will supply the Owner with registration from the manufacturer for product warranty.

ACCEPTANCE AND RELIABILITY TESTING

1. The Contractor will be responsible for completing all testing required by the specifications and manufactures certification prior to submitting a request to enter into the Acceptance and Reliability Test phase of the project.

2. The first phase of project completion is Acceptance Testing.

   a. To begin Acceptance testing for each phase, the Contractor must notify Owner, that the installation is considered 100% complete and all required testing is complete.

   b. The Contractor will provide three (3) copies of all cross connect documentation in printed form, and two (2) sets of computer files of cross connect documentation on 3.5 inch disks in Microsoft Excel. The exact format will provided by the School District.

   c. Owner will verify that the system is 100% complete and ready for operation. Verification process will be as follows:

      - The Contractor will accompany The Owner verify published test results provided by Contractor. The Contractor will supply necessary calibrated test equipment and operating technicians for verification walk-through.

      - The Owner will choose cables for testing verification. Number and location of cables and time required for testing will be at the sole discretion of The Owner.

      - Multiple failures or significant deviation (fiber loss > 10%, UTP tests 2%)from published test results will result in complete system retest. The Owner reserves the right to request a complete retest of the system by an independent testing agent, at Contractor's expense. Contractor will replace and/or repair all cables found to be defective.

d. Upon verification that the system is 100% operational, the Owner will recommend to the board that the retainage for the Acceptance Test phase be paid to the Contractor.

3. Product and Installation Warranties. The warranty for all products and installation will begin on the date of Final Acceptance Test Certification by The Owner.

SERVER SPECIFICATIONS
Attachment G

NO BID – Ameritech/SBC does not provide any computer/server equipment or related software services at this time. Therefore we are submitting a no bid on this portion of the RFP.

School Building List

Attachment D

School	Number of Classrooms
Alta Sita 26th & Bond Ave	20
Attucks 2600 Kansas Avenue	10
Brown 4901 Market Street	11
Davis 725 N. 15th Street	24
Dunbar 1900 Tudor Avenue	24
Edgemont 8601 Washington Street	12
Harding 731 N 74th Street	19
Hawthorne 1600 N 40th Street	32
Jackson 1798 Summit Avenue	17
Jones 1601 Cleveland Avenue	12
Lilly-Freeman 1300 Broadway Avenue	20
Lucas 1620 Russell Avenue	12
Mandela 1800 N. 25th Street	19
Manners	20
Morrison 630 N. 59th Street	22
McHenry 2700 Summit Avenue	20
Neely 4400 Grand Avenue	13
Park Annex 25th & Ridge Avenue	10
Robinson 1435 Market Avenue	12
Wilson 4817 Hallows Avenue	19

School	Number of Classrooms
Clark Jr. High 3310 State Street	34
Landsdowne Jr. High 3939 Casey ville Avenue	34
Lincoln Jr. High 1211 Bond Avenue	45
East St. Louis Sr. High 4901 State Street	114
Early Childhood Center 10th & Ohio Avenue	10

SBC Communications Inc.
175 E. Houston Street
P.O. Box 2933
San Antonio, Texas 78299-2933

SBC

December 20, 1999

James Daniels
East St. Louis Public Schools
1005 State Street
East St. Louis, IL 62201

RE: Convergence Network RFP

To Whom It May Concern:

This letter is in response to your request for a Letter of Self-Insurance.

Southwestern Bell Telephone Company (SWBT) is a subsidiary of SBC Communications Inc.

With respect to claims arising out of third party liabilities for all forms of legal liability for personal injury and property damage to others, SWBT is self-insured up to a retention level of $25,000,000. This includes general public liability, auto liability and professional (Attorneys, Accountants, Actuaries, Doctors, Nurses, Emergency Medical Technicians, Engineers and Architects) liabilities. For Workers Compensation, SWBT is self-insured up to a retention level of $1,000,000 per occurrence. SWBT carries excess coverage for all the above-referenced exposures and statutory excess coverage for Workers' Compensation.

We are fully prepared to meet all our legal liabilities in connection with our agreements. Above this retention level we maintain an excess umbrella liability insurance policy.

With respect to auto liability SWBT has been approved by the State of Missouri Department of Revenue as a self-insurer and has been assigned automobile self-insurance Permit #4.

With respect to workers compensation SWBT has been approved by the State of Missouri Division of Workers' Compensation as a self-insurer and has been assigned Self-Insurer #SI00215.

SWBT is also self-insured with respect to property coverage up to $25,000,000. Above this retention level SWBT has comprehensive all-risk protection, including earthquake and flood, for all property owned, leased, or under its care, custody and control. Loss settlement is based upon replacement cost.

Questions concerning the above may be directed to our Risk Management Hotline at 210.351.3898.

Sincerely,

Mark Persson

Mark Persson, CPCU, ARM
Corporate Manager-Risk Management

ACORD. CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YY) JAN 12 00

PRODUCER
DOWNING INSURANCE AGENCY, INC.
766 CENTRAL AVENUE
ALTON IL 62002

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW.

INSURED
PHONE MASTERS LTD
823 OLD ST. LOUIS ROAD
WOOD RIVER IL 62095

COMPANIES AFFORDING COVERAGE

COMPANY A. MILWAUKEE INSURANCE CO
COMPANY B
COMPANY C
COMPANY D
COMPANY E.

COVERAGES

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED, NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	POLICY NUMBER	POLICY EFFECTIVE DATE (MM/DD/YY)	POLICY EXPIRATION DATE (MM/DD/YY)	LIMITS	
A	GENERAL LIABILITY X COMMERCIAL GENERAL LIABILITY CLAIMS MADE X OCCUR GEN'L AGGREGATE LIMIT APPLIES PER POLICY PRO-JECT LOC	3074868	JAN 1 99	JAN 1 00	EACH OCCURRENCE FIRE DAMAGE (Any One Fire) MED. EXP (Any One Person) PERSONAL & ADV INJURY GENERAL AGGREGATE PRODUCTS-COMP/OP AGG	$ 1,000,000 $ 50,000 $ 5,000 $ 1,000,000 $ 2,000,000 $ 2,000,000
A	AUTOMOBILE LIABILITY X ANY AUTO ALL OWNED AUTOS SCHEDULED AUTOS HIRED AUTOS NON-OWNED AUTOS	3074868	JAN 1 99	JAN 1 00	COMBINED SINGLE LIMIT (Ea accident) BODILY INJURY (Per person) BODILY INJURY (Per accident) PROPERTY DAMAGE	$ 1,000,000 $ $ $
	GARAGE LIABILITY ANY AUTO				AUTO ONLY - EA ACCIDENT OTHER THAN AUTO ONLY: EA ACC AGG	$ $ $
A	EXCESS LIABILITY X OCCUR CLAIMS MADE DEDUCTIBLE RETENTION $	3074868	JAN 1 99	JAN 1 00	EACH OCCURRENCE AGGREGATE	$ 1,000,000 $ 1,000,000 $ $ $
A	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY	3074868	JAN 1 99	JAN 1 00	X WC STATU- TORY LIMITS OTH-ER E.L. EACH ACCIDENT E.L. DISEASE-EA EMPLOYEE E.L. DISEASE-POLICY LIMIT	$ 500,000 $ 500,000 $ 500,000
	OTHER.					

DESCRIPTION OF OPERATIONS/LOCATIONS/VEHICLES/SPECIAL ITEMS

CERTIFICATE HOLDER | ADDITIONAL INSURED; INSURER LETTER:

AMERITECH
20 SOUTH ASHLAND

LAGRANGE IL 60526

Attention:

CANCELLATION

SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, THE ISSUING COMPANY WILL ENDEAVOR TO MAIL 10 DAYS WRITTEN NOTICE TO THE CERTIFICATE HOLDER NAMED TO THE LEFT BUT FAILURE TO MAIL SUCH NOTICE SHALL IMPOSE NO OBLIGATION OR LIABILITY OF ANY KIND UPON THE COMPANY, ITS AGENTS OR REPRESENTATIVES.

AUTHORIZED REPRESENTATIVE

ACORD 25-S (7/97) Certificate # 1193

ATTACHMENT H

2 Year Maintenance Option

East St. Louis Public Schools
Request for Purchase W/ channelized T3 Card

East St. Louis Public Schools
Quote Prepared by: Jourdan Rothschild 27-Dec-99

Part Number	Description	Vendor	Qty	List	Ext. List	Customer Price	Customer Extended
CISCO7206VXR/300	Routers	Cisco	2	$17,000.00	$34,000.00	$11,050.00	$22,100.00
ACS-2500ASYN	Cables	Cisco	4	$100.00	$400.00	$65.00	$260.00
C7200-I/O-FE-BUN	RouterPlugins	Cisco	2	$0.00	$0.00	$0.00	$0.00
CAB-AC	Cables	Cisco	2	$0.00	$0.00	$0.00	$0.00
CAB-OCT-V35-MT	Cables	Cisco	2	$750.00	$1,500.00	$487.50	$975.00
MEM-I/O-D-FLC16M	Memory	Cisco	2	$0.00	$0.00	$0.00	$0.00
MEM-SD-NPE-256MB	Memory	Cisco	2	$4,200.00	$8,400.00	$2,730.00	$5,460.00
NPE-300-BUN	RouterPlugins	Cisco	2	$0.00	$0.00	$0.00	$0.00
PA-8T-V35	Router Piggybacks	Cisco	2	$8,000.00	$16,000.00	$5,200.00	$10,400.00
PA-MC-T3	Router Piggybacks	Cisco	2	$22,000.00	$44,000.00	$14,300.00	$28,600.00
PWR-7200	PowerSupplies	Cisco	2	$0.00	$0.00	$0.00	$0.00
S72C-12.0.3T	CommDev-S\W	Cisco	2	$0.00	$0.00	$0.00	$0.00
CISCO3640	Routers	Cisco	27	$6,500.00	$175,500.00	$4,225.00	$114,075.00
CAB-AC	Cables	Cisco	27	$0.00	$0.00	$0.00	$0.00
MEM3600-8U32FS	Memory	Cisco	27	$1,500.00	$40,500.00	$975.00	$26,325.00
MEM3640-32U128D	Memory	Cisco	27	$5,760.00	$155,520.00	$3,744.00	$101,088.00
NM-1FE-TX	RouterPlugins	Cisco	27	$2,000.00	$54,000.00	$1,300.00	$35,100.00
NM-4T	RouterPlugins	Cisco	27	$3,000.00	$81,000.00	$1,950.00	$52,650.00
NM-8T1-IMA	RouterPlugins	Cisco	27	$7,000.00	$189,000.00	$4,550.00	$122,850.00
NM-HDV-1T1-24	RouterPlugins	Cisco	27	$7,400.00	$199,800.00	$4,810.00	$129,870.00
S364AP-12.0.5T	CommDev-S\W	Cisco	27	$0.00	$0.00	$0.00	$0.00
WS-C6509	LanSwitch	Cisco	27	$9,995.00	$269,865.00	$6,496.75	$175,412.25
CAB-7513AC	Cables	Cisco	54	$0.00	$0.00	$0.00	$0.00
MEM-MSFC-128MB	Memory	Cisco	54	$1,200.00	$64,800.00	$780.00	$42,120.00
SC6MSFCC-12.0.3XE	CommDev-S\W	Cisco	54	$0.00	$0.00	$0.00	$0.00
SFC6K-SUP-5.3.1	CommDev-S\W	Cisco	27	$0.00	$0.00	$0.00	$0.00
WS-CAC-1300W	PowerSupplies	Cisco	27	$3,995.00	$107,865.00	$2,596.75	$70,112.25
WS-CAC-1300W/2	PowerSupplies	Cisco	27	$3,995.00	$107,865.00	$2,596.75	$70,112.25
WS-G5484	Piggybacks - Switches	Cisco	270	$500.00	$135,000.00	$325.00	$87,750.00
WS-X6248-RJ-45	Switch Plugins	Cisco	108	$12,995.00	##########	$8,446.75	$912,249.00
WS-X6408-GBIC	Switch Plugins	Cisco	54	$9,995.00	$539,730.00	$6,496.75	$350,824.50
WS-X6K-SUP1A-MSFC	Switch Plugins	Cisco	27	$29,995.00	$809,865.00	$19,496.75	$526,412.25
WS-X6K-SUP1A-MSFC/2	Switch Plugins	Cisco	27	$14,995.00	$404,865.00	$9,746.75	$263,162.25
PIX-520	Miscellaneous	Cisco	2	$3,600.00	$7,200.00	$2,340.00	$4,680.00
ACC-PIX500-4.4	Miscellaneous	Cisco	2	$0.00	$0.00	$0.00	$0.00
CAB-AC	Cables	Cisco	2	$0.00	$0.00	$0.00	$0.00
PIX-4FE	Miscellaneous	Cisco	2	$1,000.00	$2,000.00	$650.00	$1,300.00
PIX-CONN-UR	CommDev-S\W	Cisco	2	$18,000.00	$36,000.00	$11,700.00	$23,400.00
SF-PIX-4.4	CommDev-S\W	Cisco	2	$0.00	$0.00	$0.00	$0.00
IPTV-3411-CTRL	IP/TV Server	Cisco	4	$15,000.00	$60,000.00	$9,750.00	$39,000.00
IPTV-3422-BCAST	IP/TV Broadcast Server	Cisco	4	$15,000.00	$60,000.00	$9,750.00	$39,000.00
IPTV-3430-ARCH	IP/TV Archive Server	Cisco	26	$24,000.00	$624,000.00	$15,600.00	$405,600.00
CE-550	Miscellaneous	Cisco	27	$11,995.00	$323,865.00	$7,796.75	$210,512.25
CAB-AC	Cables	Cisco	27	$0.00	$0.00	$0.00	$0.00
SF-CE500-2.0	CommDev-S\W	Cisco	27	$0.00	$0.00	$0.00	$0.00
MCS-7830	Media Convergence Server	Cisco	27	$14,995.00	$404,865.00	$9,746.75	$263,162.25
CAG-AT8	Gateway	Cisco	27	$4,995.00	$134,865.00	$3,246.75	$87,662.25
DT-24+	Gateway	Cisco	4	$10,000.00	$40,000.00	$6,500.00	$26,000.00
WS-C4003-S1	LanSwitch	Cisco	60	$7,995.00	$479,700.00	$5,196.75	$311,805.00
CAB-7KAC	Cables	Cisco	120	$0.00	$0.00	$0.00	$0.00
SFC4K-SUP-5.1.1	CommDev-S\W	Cisco	60	$0.00	$0.00	$0.00	$0.00
WS-G5484	Piggybacks - Switches	Cisco	240	$500.00	$120,000.00	$325.00	$78,000.00
WS-X4008(included)	PowerSupplies	Cisco	60	$0.00	$0.00	$0.00	$0.00

ATTACHMENT H

2 Year Maintenance Option

East St. Louis Public Schools

Quote Prepared by: Jourdan Rothschild 27-Dec-99

Part Number	Description	Vendor	Qty	List	Ext. List	Customer Price	Customer Extended
WS-X4008/2	PowerSupplies	Cisco	60	$995.00	$59,700.00	$646.75	$38,805.00
WS-X4012(included)	Switch Plugins	Cisco	60	$0.00	$0.00	$0.00	$0.00
WS-X4232-GB-RJ	Switch Plugins	Cisco	120	$4,495.00	$539,400.00	$2,921.75	$350,610.00
WS-C3524-XL-EN	LanSwitch	Cisco	585	$3,995.00	[illegible]	$2,596.75	$1,519,098.75
CP-BUNDLE-25-12SP+	(25) 12 SP+ IP Phones	Cisco	24	$13,095.00	$314,280.00	$8,511.75	$204,282.00
CP-BUNDLE-25-30VIP	CP-BUNDLE-25-30VIP	Cisco	4	$15,495.00	$61,980.00	$10,071.75	$40,287.00
CWE+C-NT-COM81	Cisco Works 2000 (must have NT Server)	Cisco	1	$9,995.00	$9,995.00	$6,496.75	$6,496.75
J1240AA	HP OpenView (must have NT Server)	Cisco	1	$15,395.47	$15,395.47	$15,395.47	$15,395.47
	IPTV Viewer – Software/Licensing 400 co	Cisco	1	$0.00	$0.00	$0.00	$0.00
	IPTV Viewer – Software/Licensing 800 co	Cisco	1	$0.00	$0.00	$0.00	$0.00
	IPTV Viewer – Software/Licensing for Dist	Cisco	1	$0.00	$0.00	$0.00	$0.00
CON-OSE-7206	[illegible]	Cisco	2	$10,227.00	$20,454.00	$10,227.00	$20,454.00
CON-OSE-SC3640	[illegible]	Cisco	27	$3,449.00	$93,123.00	$3,449.00	$93,123.00
CON-OSE-WS-C6509	[illegible]	Cisco	27	$22,155.00	$598,185.00	$22,155.00	$598,185.00
CON-OSE-PIX-520	[illegible]	Cisco	2	$4,596.00	$9,192.00	$4,596.00	$9,192.00
CON-OSE-3410-CTR	[illegible]	Cisco	4	$5,113.00	$20,452.00	$5,113.00	$20,452.00
CON-OSE-3420-BCS	[illegible]	Cisco	4	$11,248.00	$44,992.00	$11,248.00	$44,992.00
CON-OSE-3430-ARC	[illegible]	Cisco	26	$12,270.00	$319,020.00	$12,270.00	$319,020.00
CON-OSE-CE560	[illegible]	Cisco	27	$3,271.00	$88,317.00	$3,271.00	$88,317.00
CON-OSE-MC8-7630	[illegible]	Cisco	27	$5,245.00	$141,615.00	$5,245.00	$141,615.00
CON-OSE-AT-8	[illegible]	Cisco	27	$1,363.00	$36,801.00	$1,363.00	$36,801.00
CON-OSE-DT-24+	[illegible]	Cisco	4	$2,726.00	$10,904.00	$2,726.00	$10,904.00
CON-OSE-WS-C4003	[illegible]	Cisco	60	$4,929.00	$295,740.00	$4,929.00	$295,740.00
CON-OSE-WS-C3524	[illegible]	Cisco	585	$1,278.00	$747,630.00	$1,278.00	$747,630.00
N/A until Ver 3.0	Phones 12SP Smartnet Onsite 8X5X4	Cisco	600	$0.00	$0.00	$0.00	$0.00
N/A until Ver 3.0	Phones 30VIP Smartnet Onsite 8X5X4	Cisco	100	$0.00	$0.00	$0.00	$0.00
CON-SAS-EC-NT	Serv App. Support + Upgrades CWSI Campus 2.4	Cisco	2	$0.00	$0.00	$0.00	$0.00
ASY-F STCSCCD2	ST-SC Patch Cables	Anixter	156	$61.33	$9,567.48	$49.06	$7,653.98
ASY-F STCSTCD2	ST-ST Patch Cables	Anixter	156	$40.00	$6,240.00	$32.00	$4,992.00
ASY-F SCCSCCD2	SC-SC Patch Cables	Anixter	107	$60.07	$6,427.49	$48.06	$5,141.99
MM10-LU6-09-Crossover	Crossover TX-TX Patch Cables	Anixter	520	$5.73	$2,979.60	$4.58	$2,383.68
MM10-LU6-09	TX-TX Patch Cables	Anixter	1040	$5.73	$5,959.20	$4.58	$4,767.36
APC SU3000RMNET	UPS	APC	54	$1,799.00	$97,146.00	$1,439.20	$77,716.80
PER7	Surge Suppressor	APC	54	$29.95	$1,617.30	$23.96	$1,293.84
E-100-BTX-FX-04	FX-TX Media Convertor	Transition	2	$375.00	$750.00	$337.50	$675.00
9124	T1 DSU	Paradyne	54	$1,500.00	$81,000.00	$975.00	$52,650.00
CAB-35MT	Cisco V.35 Male Cable - 10 Ft.	Cisco	54	$100.00	$5,400.00	$65.00	$3,510.00
Equipment Sub-Total					[illegible]		$9,400,214.13
Shipping			1	14,100.32	$14,100.32		$14,100.32
Installation			2400	175.00	$420,000.00	$175.00	$420,000.00
Full-Time On-Site Project Management (5 Months)			960	100.00	$96,000.00		$96,000.00
Total							$9,930,314.45

East St. Louis Public Schools
Request for Purchase W/ channelized T3 Card

East St. Louis Public Schools
Quote Prepared by: Jourdan Rothschild 27-Dec-99

Part Number	Description	Vendor	Qty	List	Ext. List	Customer Price	Customer Extended
CISCO7206VXR/300	Routers	Cisco	2	$17,000.00	$34,000.00	$11,050.00	$22,100.00
ACS-2500ASYN	Cables	Cisco	4	$100.00	$400.00	$65.00	$260.00
C7200-I/O-FE-BUN	RouterPlugins	Cisco	2	$0.00	$0.00	$0.00	$0.00
CAB-AC	Cables	Cisco	2	$0.00	$0.00	$0.00	$0.00
CAB-OCT-V35-MT	Cables	Cisco	2	$750.00	$1,500.00	$487.50	$975.00
MEM-I/O-D-FLC16M	Memory	Cisco	2	$0.00	$0.00	$0.00	$0.00
MEM-SD-NPE-256MB	Memory	Cisco	2	$4,200.00	$8,400.00	$2,730.00	$5,460.00
NPE-300-BUN	RouterPlugins	Cisco	2	$0.00	$0.00	$0.00	$0.00
PA-8T-V35	Router Piggybacks	Cisco	2	$8,000.00	$16,000.00	$5,200.00	$10,400.00
PA-MC-T3	Router Piggybacks	Cisco	2	$22,000.00	$44,000.00	$14,300.00	$28,600.00
PWR-7200	PowerSupplies	Cisco	2	$0.00	$0.00	$0.00	$0.00
S72C-12.0.3T	CommDev-S\W	Cisco	2	$0.00	$0.00	$0.00	$0.00
CISCO3640	Routers	Cisco	27	$6,500.00	$175,500.00	$4,225.00	$114,075.00
CAB-AC	Cables	Cisco	27	$0.00	$0.00	$0.00	$0.00
MEM3600-8U32FS	Memory	Cisco	27	$1,500.00	$40,500.00	$975.00	$26,325.00
MEM3640-32U128D	Memory	Cisco	27	$5,760.00	$155,520.00	$3,744.00	$101,088.00
NM-1FE-TX	RouterPlugins	Cisco	27	$2,000.00	$54,000.00	$1,300.00	$35,100.00
NM-4T	RouterPlugins	Cisco	27	$3,000.00	$81,000.00	$1,950.00	$52,650.00
NM-8T1-IMA	RouterPlugins	Cisco	27	$7,000.00	$189,000.00	$4,550.00	$122,850.00
NM-HDV-1T1-24	RouterPlugins	Cisco	27	$7,400.00	$199,800.00	$4,810.00	$129,870.00
S364AP-12.0.5T	CommDev-S\W	Cisco	27	$0.00	$0.00	$0.00	$0.00
WS-C6509	LanSwitch	Cisco	27	$9,995.00	$269,865.00	$6,496.75	$175,412.25
CAB-7513AC	Cables	Cisco	54	$0.00	$0.00	$0.00	$0.00
MEM-MSFC-128MB	Memory	Cisco	54	$1,200.00	$64,800.00	$780.00	$42,120.00
SC6MSFCC-12.0.3XE	CommDev-S\W	Cisco	54	$0.00	$0.00	$0.00	$0.00
SFC6K-SUP-5.3.1	CommDev-S\W	Cisco	27	$0.00	$0.00	$0.00	$0.00
WS-CAC-1300W	PowerSupplies	Cisco	27	$3,995.00	$107,865.00	$2,596.75	$70,112.25
WS-CAC-1300W/2	PowerSupplies	Cisco	27	$3,995.00	$107,865.00	$2,596.75	$70,112.25
WS-G5484	Piggybacks - Switches	Cisco	270	$500.00	$135,000.00	$325.00	$87,750.00
WS-X6248-RJ-45	Switch Plugins	Cisco	108	$12,995.00	$1,403,460.00	$8,446.75	$912,249.00
WS-X6408-GBIC	Switch Plugins	Cisco	54	$9,995.00	$539,730.00	$6,496.75	$350,824.50
WS-X6K-SUP1A-MSFC	Switch Plugins	Cisco	27	$29,995.00	$809,865.00	$19,496.75	$526,412.25
WS-X6K-SUP1A-MSFC/2	Switch Plugins	Cisco	27	$14,995.00	$404,865.00	$9,746.75	$263,162.25
PIX-520	Miscellaneous	Cisco	2	$3,600.00	$7,200.00	$2,340.00	$4,680.00
ACC-PIX500-4.4	Miscellaneous	Cisco	2	$0.00	$0.00	$0.00	$0.00
CAB-AC	Cables	Cisco	2	$0.00	$0.00	$0.00	$0.00
PIX-4FE	Miscellaneous	Cisco	2	$1,000.00	$2,000.00	$650.00	$1,300.00
PIX-CONN-UR	CommDev-S\W	Cisco	2	$18,000.00	$36,000.00	$11,700.00	$23,400.00
SF-PIX-4.4	CommDev-S\W	Cisco	2	$0.00	$0.00	$0.00	$0.00
IPTV-3411-CTRL	IP/TV Server	Cisco	4	$15,000.00	$60,000.00	$9,750.00	$39,000.00
IPTV-3422-BCAST	IP/TV Broadcast Server	Cisco	4	$15,000.00	$60,000.00	$9,750.00	$39,000.00
IPTV-3430-ARCH	IP/TV Archive Server	Cisco	26	$24,000.00	$624,000.00	$15,600.00	$405,600.00
CE-550	Miscellaneous	Cisco	27	$11,995.00	$323,865.00	$7,796.75	$210,512.25
CAB-AC	Cables	Cisco	27	$0.00	$0.00	$0.00	$0.00
SF-CE500-2.0	CommDev-S\W	Cisco	27	$0.00	$0.00	$0.00	$0.00
MCS-7830	Media Convergence Server	Cisco	27	$14,995.00	$404,865.00	$9,746.75	$263,162.25
CAG-AT8	Gateway	Cisco	27	$4,995.00	$134,865.00	$3,246.75	$87,662.25
DT-24+	Gateway	Cisco	4	$10,000.00	$40,000.00	$6,500.00	$26,000.00
WS-C4003-S1	LanSwitch	Cisco	60	$7,995.00	$479,700.00	$5,196.75	$311,805.00
CAB-7KAC	Cables	Cisco	120	$0.00	$0.00	$0.00	$0.00
SFC4K-SUP-5.1.1	CommDev-S\W	Cisco	60	$0.00	$0.00	$0.00	$0.00
WS-G5484	Piggybacks - Switches	Cisco	240	$500.00	$120,000.00	$325.00	$78,000.00
WS-X4008(included)	PowerSupplies	Cisco	60	$0.00	$0.00	$0.00	$0.00

ATTACHMENT H

3 Year Maintenance Option

East St. Louis Public Schools

Quote Prepared by: Jourdan Rothschild 27-Dec-99

Part Number	Description	Vendor	Qty	List	Ext. List	Customer Price	Customer Extended
WS-X4008/2	PowerSupplies	Cisco	60	$995.00	$59,700.00	$646.75	$38,805.00
WS-X4012(included)	Switch Plugins	Cisco	60	$0.00	$0.00	$0.00	$0.00
WS-X4232-GB-RJ	Switch Plugins	Cisco	120	$4,495.00	$539,400.00	$2,921.75	$350,610.00
WS-C3524-XL-EN	LanSwitch	Cisco	585	$3,995.00	$2,337,075.00	$2,596.75	$1,519,098.75
CP-BUNDLE-25-12SP+	(25) 12 SP+ IP Phones	Cisco	24	$13,095.00	$314,280.00	$8,511.75	$204,282.00
CP-BUNDLE-25-30VIP	CP-BUNDLE-25-30VIP	Cisco	4	$15,495.00	$61,980.00	$10,071.75	$40,287.00
CWE+C-NT-COMB1	Cisco Works 2000 (must have NT Server)	Cisco	1	$9,995.00	$9,995.00	$6,496.75	$6,496.75
J1240AA	HP OpenView (must have NT Server)	Cisco	1	$15,395.47	$15,395.47	$15,395.47	$15,395.47
	IPTV Viewer – Software/Licensing 400 co	Cisco	1	$0.00	$0.00	$0.00	$0.00
	IPTV Viewer – Software/Licensing 800 co	Cisco	1	$0.00	$0.00	$0.00	$0.00
	IPTV Viewer – Software/Licensing for Dist	Cisco	1	$0.00	$0.00	$0.00	$0.00
CON-OSE-7206	HUB Router Smartnet Onsite 8X5X4	Cisco	2	$14,851.00	$29,702.00	$14,851.00	$29,702.00
CON-OSE-SC3548	MDF Router Smartnet Onsite 8X5X4	Cisco	27	$5,009.00	$135,243.00	$5,009.00	$135,243.00
CON-OSE-WS-C6509	MDF Switch Smartnet Onsite 8X5X4	Cisco	27	$32,173.00	$868,671.00	$32,173.00	$868,671.00
CON-OSE-PIX-520	PIX Smartnet Onsite 8X5X4	Cisco	2	$6,674.00	$13,348.00	$6,674.00	$13,348.00
CON-OSE-3410-CTR	IPTV Server Smartnet Onsite 8X5X4	Cisco	4	$7,425.00	$29,700.00	$7,425.00	$29,700.00
CON-OSE-3420-BCS	IPTV Broadcast Server Smartnet Onsite 8X5X4	Cisco	4	$16,333.00	$65,332.00	$16,333.00	$65,332.00
CON-OSE-3430-ARC	IPTV Archive Server Smartnet Onsite 8X5X4	Cisco	26	$17,818.00	$463,268.00	$17,818.00	$463,268.00
CON-OSE-CE590	MDF Cache Engine Smartnet Onsite 8X5X4	Cisco	27	$4,750.00	$128,250.00	$4,750.00	$128,250.00
CON-OSE-MC9-7830	Voice Smartnet Onsite 8X5X4	Cisco	27	$7,616.00	$205,632.00	$7,616.00	$205,632.00
CON-OSE-AT-8	Gateway Smartnet Onsite 8X5X4	Cisco	27	$1,979.00	$53,433.00	$1,979.00	$53,433.00
CON-OSE-DT-24+	DT-24+ Smartnet Onsite 8X5X4	Cisco	4	$3,958.00	$15,832.00	$3,958.00	$15,832.00
CON-OSE-WS-C4003	IDF Switches Smartnet Onsite 8X5X4	Cisco	60	$7,158.00	$429,480.00	$7,158.00	$429,480.00
CON-OSE-WS-C3524	Classroom Switches Smartnet Onsite 8X5X4	Cisco	585	$1,856.00	$1,085,760.00	$1,856.00	$1,085,760.00
N/A until Ver 3.0	Phones 12SP Smartnet Onsite 8X5X4	Cisco	600	$0.00	$0.00	$0.00	$0.00
N/A until Ver 3.0	Phones 30VIP Smartnet Onsite 8X5X4	Cisco	100	$0.00	$0.00	$0.00	$0.00
CON-SAS-SC-NT	Serv Asp. Support + Upgrades CWSI Campus 2.4	Cisco	2	$4,368.00	$8,736.00	$4,368.00	$8,736.00
ASY-F STCSCCD2	ST-SC Patch Cables	Anixter	156	$61.33	$9,567.48	$49.06	$7,653.98
ASY-F STCSTCD2	ST-ST Patch Cables	Anixter	156	$40.00	$6,240.00	$32.00	$4,992.00
ASY-F SCCSCCD2	SC-SC Patch Cables	Anixter	107	$60.07	$6,427.49	$48.06	$5,141.99
MM10-LU6-09-Crossover	Crossover TX-TX Patch Cables	Anixter	520	$5.73	$2,979.60	$4.58	$2,383.68
MM10-LU6-09	TX-TX Patch Cables	Anixter	1040	$5.73	$5,959.20	$4.58	$4,767.36
APC SU3000RMNET	UPS	APC	54	$1,799.00	$97,146.00	$1,439.20	$77,716.80
PER7	Surge Suppressor	APC	54	$29.95	$1,617.30	$23.96	$1,293.84
E-100-BTX-FX-04	FX-TX Media Convertor	Transition	2	$375.00	$750.00	$337.50	$675.00
9124	T1 DSU	Paradyne	54	$1,500.00	$81,000.00	$975.00	$52,650.00
CAB-35MT	Cisco V.35 Male Cable - 10 Ft.	Cisco	54	$100.00	$5,400.00	$65.00	$3,510.00
Equipment Sub-Total							$10,506,176.13
Shipping			1	15,759.26	$15,759.26		$15,759.26
Installation			2400	175.00	$420,000.00	$175.00	$420,000.00
Full-Time On-Site Project Management (6 Months)			960	100.00	$96,000.00		$96,000.00
Total							$11,037,935.39

Item Name	12 Months	36 Months	60 Months
(2) DS3 into District Office**			
Recurring Charges	$5,008.40	$4,081.20	$3,267.60
Non-Recurring Charges	$50.00	$0.00	$0.00
Point to Point - 2, T1 Connections from District Office to Each School			
Recurring Charges:			
Board of Education	$342.00	$276.80	$250.00
Alta Sita	$342.00	$276.80	$250.00
Attucks	$342.00	$276.80	$250.00
Brown	$786.00	$576.36	$473.72
Davis	$342.00	$276.80	$250.00
Dunbar	$342.00	$276.80	$250.00
Edgemont	$866.00	$639.64	$529.08
Harding	$866.00	$639.64	$529.08
Hawthorne	$342.00	$276.80	$250.00
Jackson	$342.00	$278.80	$250.00
Jones	$342.00	$276.80	$250.00
Lilly-Freeman	$342.00	$276.80	$250.00
Lucas	$342.00	$276.80	$250.00
Mandela	$342.00	$276.80	$250.00
Manners	$342.00	$276.80	$250.00
Morrison	$866.00	$639.64	$529.08
McHenry	$342.00	$276.80	$250.00
Neely	$342.00	$276.80	$250.00
Park Annex	$342.00	$276.80	$250.00
Robinson	$342.00	$276.80	$250.00
Wilson	$342.00	$276.80	$250.00
Clark Jr. High	$342.00	$276.80	$250.00
Landsdowne Jr. High	$342.00	$276.80	$250.00
Lincoln Jr. High	$342.00	$276.80	$250.00
East St. Louis Sr. High	$342.00	$276.80	$250.00
Early Childhood Center	$342.00	$276.80	$250.00
Non-Recurring Charges	$764.00	$0.00	$0.00
Frame Relay - 2, T1 Connection from District Office to Each School			
Recurring Charges	$1,543.32	$1,105.66	$1,023.52
Non-Recurring Charges	$1,111.23	$1,033.16	$990.37

**Pending review of necessary construction

DELIVERY & INSTALLATION SCHEDULE

Section VI

Due to the scope and extent of the overall projected, a project plan is unavailable at this time. Once the project is awarded to Ameritech, a Chief Project Manager will be assigned to the project. The Chief Project Manager will based in Chicago, IL and will be responsible for the supervision of the entire project. The Chief Project Manager will also be responsible for all billing issues and circuit provisioning.

Once the project begins, an On-Site Project Manager will be available for the duration of the project (currently estimated to be 6 months). This On-Site Project Manager will be able to meet all necessary requirements as outlined in the RFP.

The Chief Project Manager will be responsible for developing and administering the Overall Project Plan. This plan will be developed jointly with the school district. Once the Overall Project Plan is developed, the On-Site Project Manager will be responsible for implementing and meeting delivery dates and testing parameters. Testing parameters will meet or exceed all industry standards as outlined in the RFP and required by the manufacturers.

The due date of the Overall Project Plan will be determined and mutually agreeable by the customer and Ameritech once the project is awarded to Ameritech.

SBC Corporate Overview

A Powerful Global Telecommunications Leader

Based in San Antonio, Texas, SBC Communications, Inc., (SBC) is the largest local telecommunications provider in the United States, and one of the worlds leading diversified telecommunications companies.

As a result of mergers with Pacific Telesis in 1997, Southern New England Telecommunications (SNET) in 1998, and Ameritech in 1999, SBC is embarking on a national expansion program that will encompass customers in all the top 50 U.S. population markets. With combined 1998 annual revenues of $46 billion from SBC and Ameritech, the corporation would have placed 15th on the 1998 Fortune 500 list.

Widely regarded as a well-run company, SBC, for the third consecutive year, has been named the World's Most Admired Telecommunications Company by *Fortune* magazine. SBC companies have provided reliable and innovative telecommunications services for more than a century, and as a corporation is the first to serve both residential and business customers on a national basis, providing them a "one-stop shop" for local exchange, long distance, wireless, high-speed data and Internet services. This is an integral part of SBC's "national-local strategy," which will offer service nationwide to 180 million people—two-thirds of the U.S. population.

In the United States today, SBC:

- Serves about 59 million business and residential access lines.
- Has combined annual revenues of $46 billion, earnings of $6.7 billion, and a market value of $173.7 billion.
- Serves 10.1 million wireless subscribers with a potential subscriber base of 131 million in 119 markets, including nine of the nation's top 10.
- Consists of more than 203,000 employees, which ranks it the 14th largest employer in the nation.

But our growth isn't about size. It's about offering choices, and having the resources to provide the range of services customers want at reasonable prices, and all from a single-source provider. SBC companies have provided reliable and innovative telecommunications services for more than 120 years. The range of innovative services our subsidiaries now provide include:

- Local and long-distance
- Data and voice communications
- Wireless communications
- Paging
- Internet access
- Messaging
- Cable and satellite television
- Telecommunications equipment
- Directory advertising and publishing

Internationally, SBC is the largest non-European telecommunications investor in Europe, giving it access to a $175 billion telecommunications market. Overall, SBC's strategic international investments are worth an estimated $22 billion in 22 countries throughout Asia, Africa, Europe, the Middle East and North America.

With such a massive footprint not only in the United States but also around the world, the SBC family of companies is in a position to follow our business customers wherever they go, delivering a complete package of local, long-distance and high-speed data service.